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PEMBROKESHIRE COUNTY COUNCIL

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# ANNUAL REPORT

of the

**County**

**Medical Officer of Health  
for Pembrokeshire**

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**1 9 6 0**



**A N N U A L  
R E P O R T**

of the

**County**

**Medical Officer of Health  
for Pembrokeshire**

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**1 9 6 0**

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TO THE CHAIRMAN AND MEMBERS OF THE  
HEALTH COMMITTEE OF THE  
PEMBROKESHIRE COUNTY COUNCIL

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MR CHAIRMAN, LADIES AND GENTLEMEN,

*I have the honour to present my eighth annual report. The health statistics for 1960 show no unusual features and the incidence of infectious diseases was very low. Steady progress was possible in the development of the local health authority services in the County.*

*The main development was of the mental health services. The Mental Health or Community Care Section of the department was established ; in-service training was provided for health visitors and for the duly authorised officers who were re-designated as part-time mental welfare officers ; and additional group training sessions for sub-normal persons were initiated. The appointment of Mr. B. P. Vittle as the Senior Psychiatric Social Worker enabled the initial emphasis to be given to social work among mentally disordered persons and to in-service training of health department staff.*

*There were other developments during the year : the Agency Agreement with the Welsh Home Ambulance Committee terminated on the 31st March ; radio-telephony was introduced into the County Ambulance Service on the 25th May ; steady progress was possible in the implementation of the scheme for vaccination against poliomyelitis ; progress with the diphtheria immunisation scheme, especially the giving of booster injections, was accelerated during the last quarter of the year ; Dr. M. Lawler, who has had special experience of child health work, joined the staff on the 10th October ; a co-operation card for maternity patients and a personal immunisation record card were introduced during the year. A direct chiropody service was not initiated, but a grant was given to the Pembrokeshire Old People's Welfare Committee for the expansion of the chiropody service for elderly persons in the County.*

*I am grateful to the Chairman and Members of the Health Committee for their continued support and interest. My thanks are also due to the staff of the County Health Department, including the nurses and the ambulance personnel, for their efforts during the year. A considerable encouragement has been the valuable assistance received from the family doctors and local hospital consultants; their co-operation has been much appreciated. The implementation of a number of schemes, particularly the B.C.G. vaccination against tuberculosis and the vaccination against poliomyelitis, was greatly aided by the willing assistance of the two district medical officers of health.*

*I am,*

*Ladies and Gentlemen,*

*Your obedient Servant,*

*D. J. DAVIES,*

*County Medical Officer of Health*

*County Health Department,  
Haverfordwest.  
May, 1961.*

## COUNTY OF PEMBROKE

## HEALTH COMMITTEE

(as on 31st December, 1960)

*Chairman :*

Councillor D. W. Evans

*Vice-Chairman :*

County Alderman B. G. Howells

*County Aldermen :*

James John	Mrs. A. Norman
T. R. Joseph	F. Phillips
L. J. Meyler, O.B.E.	D. H. Roberts
S. J. Morris	J. O. Vaughan

*County Councillors :*

T. H. Allen	W. M. Mendus
E. Anthony, M.B.E.	J. J. Morgan
T. W. H. Byard	W. C. Philpin
Rev. Mathias Davies	Rev. D. G. Stephens
A. Edwards	Rev. John Thomas
J. M. James	W. Thomas, C.B.
O. G. John	J. R. Williams
W. C. John	

*Co-opted Members :*

Miss Nancy Thomas	Mrs. Picton Thomas
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*Local Medical Committee Representatives :*

Dr. J. A. K. Douglas, Dr. W. F. T. George, Dr. P. R. E. Williams

*Pembrokeshire Federation of Women's Institutes Representatives :*

Mrs. E. Bickerton Edwards, Mrs. V. Owen

*West Wales Hospital Management Committee Representatives :*

J. F. Green, Esq., Dr. M. Rowland Evans,

County Alderman R. S. Wade

# STAFF OF COUNTY HEALTH DEPARTMENT, 1960

## *County Medical Officer of Health and Principal School Medical Officer :*

D. J. Davies, M.B.E., B.Sc., M.D., B.S., D.P.H.

## *Deputy County Medical Officer of Health and Deputy Principal School Medical Officer :*

T. D. Lewis, M.B., B.S., D.P.H.

## *District Medical Officers of Health :*

(These Officers devote up to 25 per cent. of their time to County Council duties) :

W. J. Y. Speedy, M.B., B.Ch., L.R.C.P. & S., L.R.F.P. & S., D.P.H.

P. E. M. Bowen, M.R.C.S., L.R.C.P., D.C.H., D.P.H.

## *Assistant County Medical Officers and School Medical Officers :*

F. J. Harrison, M.B., B.Ch., B.A.O. (Full-time).

M. Lawlor, M.B., B.Ch., B.A.O., D.C.H., D.P.H. (Part-time ; commenced 10.10.60).

Joan Nichols, M.R.C.S., L.R.C.P., D.C.H.

(Part-time employment on occasional sessional basis).

## *Chief Dental Officer and Principal School Dental Officer :*

O. C. Jenkins, L.D.S., R.C.S. (Eng.), D.D.S. (Toronto).

## *School Dental Officers :*

G. Hellings, L.D.S. (Resigned 30.9.60).

N. J. Rowland, L.D.S., R.C.S. (Resigned 29.2.60).

D. G. James, L.D.S., R.C.S.

## *County Nursing Officer :*

Miss J. M. Young, S.R.N., S.C.M., Q.N. Cert., H.V. Cert.

## *County Orthopaedic Sister :*

Miss E. J. James, S.R.N., S.C.M., H.V. Cert.

## *Mental Health Visitor :*

Miss P. E. A. Porter, S.R.N., S.C.M., H.V. Cert.

## *Tuberculosis and Problem Families Health Visitor :*

Miss S. M. Morgan, S.R.N., S.C.M., H.V. Cert.

## *County Home Help Organiser :*

Miss M. R. F. Collins.



*County Ambulance Officer :*

P. J. Hunt.

*Speech Therapist :*

Miss M. Thompson (part-time).

*Occupational Therapist :*

Mrs. I. R. Panton, M.A.O.T. (Part-time).

*Consultant Child Psychiatrist :*

G. Crosse, M.B., B.S., D.P.M. (Resigned 10.9.60).

*Educational Psychologist :*

C. B. E. James, B.A., B.Ed., A.B.P.S.S.

*Senior Psychiatric Social Worker :*

B. P. Vittle, B.A., A.A.P.S.W. (Full-time : commenced 1.1.60).

*Psychiatric Social Worker :*

Mrs. J. M. B. Harries, B.A., A.A.P.S.W. (Part-time : commenced 3.10.60).

*Chief Clerk :*

O. M. Shearn, A.C.I.S.

*Other Nursing Staff (as at 31st December, 1960) :*

- 5 Health Visitors and School Nurses.
- 31 District Nurse/Midwife/Health Visitor/School Nurses.
- 14 District Nurse/Midwives.
- 2 District Nurse/Health Visitors.
- 2 District Nurses
- 1 Clinic Nurse.

*Home Helps :*

164 Occasional Home Helps.

## COUNTY COUNCIL COMMITTEES

(concerned with matters of Health)

1. HEALTH COMMITTEE
  - (a) Nursing Sub-Committee ;
  - (b) General Purposes Sub-Committee ;
  - (c) Ambulance Sub-Committee ;
  - (d) Tuberculosis Care and After-Care Sub-Committee ;
  - (e) Mental Health Sub-Committee.
2. PUBLIC HEALTH AND HOUSING COMMITTEE
3. EDUCATION COMMITTEE responsible for School Health Service.

## SECTION I

## VITAL STATISTICS FOR 1960

## 1. AREA

The area of the County, including inland water, is 393,003 acres.

## 2. POPULATION

1911—By Census	...	...	90,014
1921—By Census	...	...	91,580
1931—By Census	...	...	86,020
1938—Estimated Mid-year	...	...	83,200
1945—Estimated Mid-Year	...	...	82,690
1951—By Census	...	...	90,740
1953—Estimated Mid-Year	...	...	92,090
1954—Estimated Mid-Year	...	...	92,750
1955—Estimated Mid-Year	...	...	93,800
1956—Estimated Mid-Year	...	...	94,260
1957—Estimated Mid-Year	...	...	93,670
1958—Estimated Mid-Year	...	...	93,700
1959—Estimated Mid-Year	...	...	94,600
1960—Estimated Mid-Year	...	...	94,580

## 3. FINANCIAL

The product of a penny rate for the financial year 1960/61 was £3,347.

Rateable value of the County on the 1st April, 1960, was £855,379.

## 4. GENERAL OBSERVATIONS

The completion of the industrial projects, the Esso Refinery and the British Petroleum Oil Terminal on the shores of Milford Haven did not result in any estimated increase of population in the County.

The birth rate continued to be appreciably higher than the figure for England and Wales and there was a considerable increase over the 1959 rate. The number of male births exceeded the female, but the difference was not as marked as in the previous two years. The still-birth rate remained about the national figure and there was unfortunately an increase in the infant and neo-natal mortality rates. Both these latter figures were appreciably above the national rates. There was no maternal death directly due to pregnancy, childbirth or abortion during the year. Of the 43 neo-natal deaths—in the first month of life—twenty were due to pre-maturity, twelve to atelectasis and respiratory distress and four to congenital abnormalities.

Degenerative diseases of the heart and circulatory system, including vascular lesions of the nervous system, and cancer continued to be the main causes of death. The definite causation of the degenerative arterial diseases, including coronary thrombosis, is still unknown.

There were 185 deaths from cancer as compared with 200 in the previous year. The local death rate from this disease in 1960 was slightly below the national figure. There were 28 deaths from cancer of lung in 1960 and 38 in 1959. Accidents continued to take a toll of human life ; motor accident deaths were fourteen as compared with ten in the previous year.

#### 5. (i) DETAILED STATISTICS

Live Births			Male	Female	Totals
Legitimate	...	...	863	839	1,702
Illegitimate	...	...	36	38	74
(4.16 per cent. of live births)					
Totals			899	877	1,776

Still Births					
Legitimate	...	...	27	25	52
Illegitimate	...	...	1	—	1
Totals			28	25	53
<hr/>					
Live birth rate per 1,000 population	...	...	18.77		
			(Crude)		
			19.33		
			(Adjusted)		
Still-birth rate per 1,000 total live and still births	...		28.97		
Total live and still births	...	...	1,829		
Infant Deaths (deaths under 1 year)	...	...	52		
Infant Mortality Rates :					
Total infant deaths per 1,000 total live births	...		29.28		
Legitimate infant deaths per 1,000 legitimate live births	...	...	28.20		
Illegitimate infant deaths per 1,000 illegitimate live births	...	...	54.05		
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	...	...	24.21		
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	...	...	22.52		
Peri-natal Mortality Rate (still births and deaths under 1 week combined per 1,000 total live and still births)	...	...	50.84		
Maternal Mortality (including abortion) :					
Number of deaths	...	...	Nil		
Rate per 1,000 total live and still births	...		Nil		

## (ii) CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE:

Causes of Death	All ages		0—		1—		5—		15—		25—		45—		65—		75—		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1—Tuberculosis—Respiratory	...	7	1	—	—	—	—	—	—	—	—	—	5	—	2	—	—	1	
2—Tuberculosis—Other	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	
3—Syphilitic Disease	...	1	1	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	
4—Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	
5—Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	
6—Meningococcal Infection	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	
7—Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	
8—Measles	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	
9—Other Infective and Parasitic Diseases	...	...	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
10—Malignant Neoplasm—Stomach	...	22	22	—	—	—	—	—	—	—	1	—	7	1	6	5	8	16	
11—Malignant Neoplasm—Lungs	...	23	5	—	—	—	—	—	—	—	1	—	13	2	7	1	2	2	
12—Malignant Neoplasm—Breast	...	18	—	—	—	—	—	—	—	—	—	—	—	6	—	5	4	—	
13—Malignant Neoplasm—Uterus	...	...	8	—	—	—	—	—	—	—	—	—	—	4	—	2	—	1	
14—Other Malignant and Lymphatic Neoplasms	...	44	43	—	—	—	—	—	2	2	—	—	15	14	14	14	13	10	
15—Leukaemia, Aleukaemia	...	1	5	—	—	—	—	—	—	—	—	—	1	1	—	2	2	—	
16—Diabetes	...	3	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17—Vascular Lesions of Nervous System	...	64	120	—	—	—	—	—	—	—	—	—	11	13	14	36	38	67	
18—Coronary Disease—Angina	...	156	66	—	—	—	—	—	—	—	7	—	58	14	55	17	36	35	
19—Hypertension with Heart Disease	...	19	16	—	—	—	—	—	—	—	—	—	3	1	6	6	10	9	
20—Other Heart Disease	...	57	89	—	—	—	—	—	—	—	2	—	6	10	15	21	34	56	
21—Other Circulatory Disease	...	27	35	—	—	—	—	—	—	—	—	—	1	6	8	7	18	20	
22—Influenza	...	2	4	—	—	—	—	—	—	—	—	—	—	—	—	1	2	2	
23—Pneumonia	...	12	21	1	2	—	—	—	1	—	—	—	—	—	—	1	10	17	
24—Bronchitis	...	25	15	—	—	—	—	—	—	—	2	—	6	4	8	6	9	4	
25—Other Diseases of Respiratory System	...	4	3	—	—	—	—	—	—	—	1	—	1	1	1	1	1	—	
26—Ulcer of Stomach and Duodenum	...	...	...	—	—	—	—	—	—	—	—	—	4	1	2	—	2	—	
27—Gastritis, Enteritis and Diarrhoea	...	8	1	—	—	—	—	—	—	—	—	—	1	1	2	—	1	—	
28—Nephritis or Nephrosis	...	3	2	—	—	—	—	—	—	—	—	—	—	—	2	—	1	—	
29—Hyperplasia of Prostate	...	3	1	—	—	—	—	—	—	—	—	—	1	—	2	1	8	—	
30—Pregnancy, Childbirth, Abortion	...	9	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	
31—Congenital Malformation	...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
32—Other Defined and Ill-Defined diseases	...	9	3	8	3	1	—	—	—	—	—	—	—	—	—	—	—	—	
33—Motor Vehicle Accidents	...	66	64	21	15	1	—	—	1	1	3	—	10	7	11	6	19	1	
34—All Other Accidents	...	10	4	—	—	—	—	—	3	—	3	—	3	—	3	1	3	15	
35—Suicide	...	18	20	1	—	—	—	—	—	—	5	—	3	1	2	—	—	—	
36—Homicide and Operations of War	...	10	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
All Causes	...	603	577	31	21	3	1	3	1	7	5	34	18	150	93	159	138	216	300

(iii) DISTRICT COUNCIL, PEMBROKE COUNTY AND NATIONAL COMPARATIVE VITAL STATISTICS (USING APPROPRIATE AREA COMPARABILITY FACTORS)

	Area in Acres	Estimated mid-year Population for 1959	Live Births		Deaths		Infant Mortality		No of Maternal Deaths and Rate per 1,000 Live and Still Births
			No.	Adjusted Rate per 1,000	No.	Adjusted Rate per 1,000	No.	Rate per 1,000 Live	
URBAN									
Fishguard & Goodwick U.D.C.	1,841	4,740	71	15.72	65	13.98	2	28.17	—
Haverfordwest M.B.	1,404	8,390	213	23.10	116	13.12	8	37.55	—
Narberth U.D.C.	122	1,030	15	14.70	20	19.02	—	—	—
Neyland U.D.C.	484	2,290	38	17.09	31	17.90	1	26.31	—
Milford Haven U.D.C.	1,060	13,180	257	19.49	127	13.87	7	27.23	—
Pembroke M.B.	4,679	12,700	281	22.79	166	14.16	10	35.58	—
Tenby M.B.	1,090	4,420	72	16.45	75	14.08	6	83.33	—
TOTAL	10,680	46,750	947	20.25	600	13.73	34	35.90	—
RURAL									
Cemaes R.D.C.	79,576	8,790	144	18.99	136	13.60	3	20.83	—
Haverfordwest R.D.C.	173,650	22,620	415	18.34	222	11.09	10	24.09	—
Narberth R.D.C.	80,237	9,980	153	17.17	149	13.88	3	19.60	—
Pembroke R.D.C.	48,860	6,440	117	19.25	73	11.33	2	17.09	—
TOTAL	382,323	47,830	829	18.37	580	12.24	18	21.71	—
Whole County	393,003	94,580	1,776	19.33	1,180	12.97	52	29.28	—
England and Wales	...	...	...	17.1	...	11.5	...	21.7	0.39

## SECTION 2

## LOCAL HEALTH SERVICES PROVIDED BY THE COUNTY COUNCIL UNDER THE NATIONAL HEALTH SERVICE ACT

## 1. CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE

*Expectant and Nursing Mothers*

With the exception of the monthly local authority clinic at Tenby, the medical ante-natal care outside the hospitals was undertaken by the general practitioners. Ante-natal clinics, staffed only by midwives, were held at Hakin, Milford Haven, Neyland, Pembroke Dock and Pembroke. There were 1,348 attendances of expectant mothers at the clinics during 1960.

With the agreement of the Pembrokeshire Local Medical Committee and the two local Consultant Obstetricians, a personal record or co-operation card for maternity patients was introduced in March. The primary purpose of this card is to promote the co-operation of the various individuals of the obstetric team—family doctors, domiciliary and hospital midwives and hospital medical obstetric staff—in the provision of adequate maternity care, especially during the ante-natal period.

There is some evidence that the routine weighing and blood testing of expectant mothers are being increasingly implemented in the County.

Limited progress was made in the provision of mothercraft teaching, instruction in relaxation techniques and ante-natal exercises. One health visitor attended a course in this subject, and, on the 2nd May, relaxation and ante-natal exercise classes were commenced for mothers attending the ante-natal clinic at St. Thomas' Hospital, Haverfordwest. Classes were also held at the County Hospital, Haverfordwest.

As in previous years, the number of maternity beds in the County was inadequate to meet the demand, especially at Haverfordwest. In the booking of the normal maternity beds at St. Thomas' Hospital, the County Nursing Officer adopted the



recommended criteria for selection of the patients—special priority was given to grandmultiparae and to primiparae over the age of thirty-five.

### *Infant and Child Welfare*

There were a number of developments during 1960. A weighing centre, with facilities for the sale of welfare foods, was opened for the first time at Broad Haven on the 13th September. At the end of the year, the weighing centre at Hakin was up-graded to an infant welfare clinic. The recent increase in population due to the large council housing estates necessitated this change. Dr. M. Lawlor, the recently appointed part-time Assistant County Medical Officer of Health, became the medical officer at the infant welfare clinics at Hakin, Milford Haven and Pembroke Dock.

During the year, there were 11,274 and 4,741 attendances of infants and children at the infant welfare and weighing centres respectively ; in 1959, the figures were 10,480 and 4,517.

Dr. T. D. Lewis, Deputy County Medical Officer of Health, continued to direct the local application of the modern techniques of early detection and treatment of partially deaf and deaf children. In 1960, 16 pre-school age children were specially investigated for suspected deafness.

The routine testing of the urine of infants to detect the rare cases of phenyl ketonuria was commenced on the 10th October. These children, unless treated with a special diet, develop signs of slow mental growth.

### *Care of Premature Infants*

There were 119 premature live births during the year ; 20 at home and the remainder in hospital. Twenty-four of the infants died : twelve during the first twenty-four hours of life. Twenty-two deaths occurred in hospital and two at home.

There is a small premature baby unit at the County Hospital, Haverfordwest. Equipment for the home care of premature babies is available : it was requested on one occasion during the year.

### *Distribution of National Welfare Foods and Dried Milk*

The administration of the schemes continued to be undertaken by the Welfare Foods Section of the department at Willesden House, Haverfordwest.



The assistance of the voluntary workers, who continued the major part of the distribution of welfare foods in the County, was invaluable, and, as stated in previous reports, their public spirit deserves commendation. The Clerk at the District Medical Officer's Office, Tenby, and many of the district nurses and health visitors also made a valuable contribution.

A feature of the year was an appreciable increase in the distribution of branded dried milk tins and packets which are sold in the clinics and weighing centres at a price well below the normal retail figure. The following statistics illustrate the extent of the distribution work in the County :—

	1960	1959
Number of distribution points ...	62	64
National Dried Milk tins distributed ...	32,780	35,567
Orange Juice bottles distributed ...	42,555	47,917
Cod Liver Oil bottles distributed ...	5,054	5,784
Vitamin tablet packages distributed ...	3,613	3,269
Branded Dried Milk tins and packets distributed ...	45,570	40,546

#### *Dental Care*

Limited progress was made in the scheme for the dental care of expectant and nursing mothers and pre-school age children. Priority had, however, to be given to the dental care of school children.

The following statistics are of interest :—

	Expectant and Nursing Mothers	Pre- school age Children
Total number of patients inspected ...	32	83
Number referred for dental treatment ...	32	73
Number actually treated (completed) ...	30	69
Number of general anaesthetic cases ...	3	44
Number of fillings ...	33	107
Number of teeth extracted ...	95	89
Number supplied with artificial dentures ...	11	—
Attendances at treatment centres ...	117	231

## *Family Planning*

The clinics of the Pembrokeshire branch of the Family Planning Association continued to be held at the County Health Department, Haverfordwest. Advice on sterility and sex problems in marriage is available in addition to family planning guidance.

## *Care of Unmarried Mothers and their Children*

The moral welfare workers of the St. David's Diocesan Moral Welfare Committee, working in close collaboration with family doctors, district nurses, health visitors and the Children's Officer, continued the social work for unmarried mothers and their children. During the year, fourteen such mothers from this County were admitted to hostels at Hereford, Cardiff and Penarth. In determining the length of stay at the hostel the individual problems of each mother and child were considered. I was sorry to lose the services of Miss Timothy, who resigned during the year: she had undertaken much valuable moral welfare work in the County.

## 2. DOMICILIARY MIDWIFERY

At the end of the year, forty-five district nurse/midwives and district nurse/health visitor/midwives were employed. This was equivalent to nine full-time midwives. As in the previous year, the recruitment of midwives remained difficult.

Forty-two of the midwives have been trained to administer gas and air analgesia and are equipped with the necessary apparatus. In 1960, trilene analgesia was used by the midwives in twenty-seven cases as compared with thirty-nine in the previous year.

Six district midwives attended approved refresher courses during the year. The majority also attended an excellent series of lectures arranged by the County Branch of the Royal College of Midwives.

Increased efforts were made to improve the liaison between the family doctors, the district and hospital midwives, and the local hospital medical obstetric staff. As mentioned previously, a personal record and co-operation card for maternity patients was introduced in March, 1960.

The demand for hospital confinements continued to be heavy particularly in the Milford Haven and Haverfordwest areas. The proportion of such confinements was 64.1 per cent. as compared with 65.1 in 1959. -

The County Nursing Officer is the Non-Medical Supervisor of Midwives.

The following statistics for 1960 are of interest :—

Number of live and still births	...	...	...	1,829
Number of such births in hospital (including transfers from other areas)	...	...	...	1,173
Number of such births at home (including transfers from other areas)	...	...	...	656
Number of home births attended by County Council nurses (doctor not present)	...	...	...	529
Number of home births attended by County Council nurses (doctor present at birth)	...	...	...	116
Number of home births attended by private midwives	...			11
Number of still births at hospitals	...	...	...	38
Number of still births at home	...	...	...	15
Number of midwives employed by the County Council	...			45
Number of hospital midwives in practice on 31st December, 1960	...	...	...	17
Number of midwives in private practice on 31st December, 1960	...	...	...	1
Number of maternal deaths in hospital	...	...		Nil
Number of maternal deaths at home	...	...		Nil
Number of mothers who received gas and air analgesia at home	...	...	...	425

Number of mothers who received pethidine from nurses during confinement at home	...	...	...	296
Number of mothers who received trilene from nurses during confinement at home	...	...	...	27
Number of inspections of midwives by County Nursing Officer :				

				Routine	Special
Hospitals	...	...	...	24	1
County District nurse/midwives	...	...	...	77	130
Private midwives	...	...	...	—	—
Private nursing homes	...	...	...	—	—

### 3. HEALTH VISITING

As in previous years, the policy of providing full-time health visitors in the larger urban areas and district nurse/midwife/health visitors in the rural areas continued. The recruitment of health visitors was difficult. Failure to obtain a satisfactory applicant prevented the necessary re-organisation of the health visiting areas in the Pembroke, Pembroke Dock and Angle districts. It was, however, possible to obtain a full-time health visitor for the busy Hakin area.

At the end of the year there were five full-time health visitors, thirty-one district nurse/midwife/health visitors and two district nurse/health visitors on the staff.

Progress was made with the in-service training of health visitors : one health visitor attended a parentcraft group teaching and relaxation course ; the Central School for Health Education kindly organised a one-day school for the health visitors at Haverfordwest on the 21st July ; and the Senior Psychiatric Social Worker was able to undertake the tuition of health visitors in mental health work, including child guidance problems, at Haverfordwest, Tenby and Milford Haven.

One health visitor continued to specialise in mental health work, particularly the supervision of subnormal and severely subnormal persons, and another health visitor continued her intensive social work with problem families. During the year the latter was able to assist nineteen such families. Though progress was inevitably slow her work undoubtedly prevented the break-up of a number of these families.

One health visitor's training scholarship was granted in 1960.

The following statistics of health visiting work in 1960 are of interest :—

Number of visits to children under one year of age	...	9,453
Number of visits to children between one and two years of age	... ..	6,071
Number of visits to children between two and five years of age	... ..	8,389

#### 4. HOME NURSING

On the 31st December, 1960, the following groups of nurses were employed on home nursing duties in the County :—

Home nurse/midwife/health visitors	... ..	31
Home nurse/midwives	... ..	14
Home nurse/health visitors	... ..	2
Home nurses	... ..	2

The demand for home nursing continued to be heavy in most areas of the County. The nursing of a considerable number of elderly chronic sick patients in their homes prevented a number of unnecessary hospital admissions. The County Nursing Officer encouraged the liaison with the staff of the local hospitals so that, when necessary, patients, especially following operations, could be discharged at an early date for continued nursing care, including dressings, on the district. An increasing number of patients in the late stages of cancer received nursing care from the district nurses.

In this County the family doctors refer only a small number of sick children to home nurses. In the rural areas, however, many parents ask independently for the advice and help of the local district nurses, even in the minor illnesses of childhood.

One district nurse attended a Queen's District Nurse training course during the year.

The recruitment of district nurses caused anxiety during the year and there are indications that state enrolled assistant nurses will have to be increasingly employed on district nursing duties in the future,



The following statistics give an indication of the home nursing work during the year :—

Number of home nursing visits to children under five years of age	...	...	...	...	2,468
Number of home visits to persons over 65 years of age					38,095
Total number of home nursing visits	...	...			83,605
Number of medical cases treated	...	...	...		2,544
Number of surgical cases treated	...	...	...		1,234
Number of tuberculous cases treated	...	...			79
Number of miscellaneous cases treated	...	...			986
Total number of patients treated	...	...	...		4,843

## 5. VACCINATION AND IMMUNISATION

The poliomyelitis vaccination scheme continued to receive high priority: ample supplies of British vaccine were available.

Early in the year the scheme was extended to include persons of under forty years of age and additional persons subject to special risks. The latter included persons going to certain countries abroad, dental staff and certain public health and district nursing staffs and their families. There was a limited acceptance from these new groups.

The acceptance rate for children born since the 1st January, 1943, was reasonably satisfactory, but the registrations for the other age groups fluctuated throughout the year.

Publicity measures were intensified in the early summer months and a limited response was obtained from persons in the sixteen to thirty-nine age group. The number of registrations, however, declined again towards the end of the year.

The major work of the poliomyelitis vaccination scheme continued to be undertaken by the County Health Department staff, but general practitioners assisted in certain rural areas.

On the 28th December, 1960, the Minister of Health announced that persons of 40 years and over, outside the priority groups, could be vaccinated against poliomyelitis by their family

doctors. It appears that the response to the latter extension has been very limited. Statistics are not available as the County Council are not required to collect such records of vaccination.

On the 31st December, 1960, the poliomyelitis vaccination statistics in respect of persons up to forty years of age and of certain priority groups were as follows :—

Number of premises used as vaccination centres during the year	...	...	...	...	...	108
Number of persons (including children) who completed two injections in 1960 :						
Those born in the years 1933-42	...	...	...	...	...	773
Those born in the years 1943-60	...	...	...	...	...	1,620
Those born before 1933, but under 40 years	...	...	...	...	...	2,869
Others	...	...	...	...	...	137
Total						5,399

Number of children and young persons who completed three injections in 1960	...	...	...	...	8,368
---	-----	-----	-----	-----	-------

Total number of persons (including children) at 31st December, 1960, who had received two injections since the commencement of the scheme	...	...	28,085
---	-----	-----	--------

Total number of children and young persons who had received three injections	...	...	22,682
--	-----	-----	--------

With the diminished demand for vaccination against poliomyelitis in the last quarter of the year, considerable progress was possible with the 'booster' immunisations against diphtheria in the junior schools in the County. Many of the younger school children, who had not been immunised against diphtheria in infancy, received their primary immunisation injections. The willing co-operation of the various head teachers in the organisation of immunisation sessions in schools, particularly in the rural areas, was invaluable. Outbreaks of diphtheria in a number of areas in England and the resulting publicity, undoubtedly increased the acceptance rate.

The considerable progress made in 1960 with the schemes for immunisation against diphtheria and whooping cough and vaccination against smallpox is evidenced by the following statistics :—

	1960	1959	1958
Number of children immunised against diphtheria ... ..	1,646	1,245	958
Number of children who received a booster dose of diphtheria prophylactic ...	1,233	515	396
Number of successful primary vaccinations against smallpox notified ... ..	902	728	932
Number of re-vaccinations notified ...	163	106	182
Number of children immunised against whooping cough ... ..	1,290	1,128	721

The assistance of the general practitioners, two district medical officers of health and the medical, nursing and clerical staff of the department in the implementation of these schemes was much appreciated.

To assist parents who wish to keep a simple record of a child's immunisation, personal immunisation record cards, approved by the local Medical Committee, were made available during the year for issue at clinics and doctors' surgeries. Many doctors favour the use of these cards. They are particularly valuable for children of parents who have frequent moves and when a decision in event of an emergency has to be made on the use of tetanus antitoxin.

## 6. AMBULANCE SERVICE

The demands on this service continued to be heavy. A number of major changes were effected during the year. On the 2nd April, 1960, the agency arrangement with the Welsh Home Ambulance Committee was terminated. The transfer of responsibility to the County Health Department involved considerable additional work and the successful implementation without dislocation of the service



was due to the efforts of Mr. P. J. Hunt, the County Ambulance Officer, and Mr. Hugh James, of the clerical staff of the department, and to the kind co-operation of Mr. C. H. Smith, the Ambulance Controller of the Welsh Home Ambulance Committee.

During May, 1960, four new ambulances, including one large sitting-case vehicle, were purchased: this completed a fleet of seven operational and four reserve ambulances.

On the 25th May radio-telephony was introduced into the ambulance service and there is some evidence that its introduction has definitely reduced the delays in the provision of ambulances for emergencies, and has effected considerable saving in mileage. Despite an increase of 3,431 in the number of patients, the total ambulance and sitting-case car mileage for the year was reduced by 22,777 as compared with 1959.

The following 1960 statistics of the Ambulance Service proper are of interest :—

		Patients		Total No. of	Miles	Average Miles
Station		Stretcher	Sitting	Patients Travelled per case		
Haverfordwest	No. 1	1,177	3,761	4,938	49,278	9.98
Haverfordwest	No. 2	429	1,792	2,221	20,103	9.05
Haverfordwest	No. 3	166	1,699	1,865	56,529	30.31
(Long dist. amb'lance)						
Milford Haven	...	246	4,195	4,441	27,674	6.23
Pembroke Dock	...	567	2,465	3,032	38,223	12.60
Tenby	...	505	1,556	2,061	26,973	13.08
Fishguard	...	357	3,313	3,670	35,120	9.57
Cardiganshire	...	40	6	46	1,010	21.96
Carmarthenshire	...	16	4	20	562	28.10
Totals	...	3,503	18,791	22,294	255,472	11.46

The use of the County Ambulance Service is illustrated by the following figures, which do not include the Sitting Case Car Service.

Year	Patients	Miles	Average Miles per Case
1949 ...	7,023	148,261	21.11
1950 ...	9,516	186,007	19.54
1951 ...	12,086	230,361	19.06
1952 ...	12,540	220,296	17.57
1953 ...	14,877	270,762	18.20
1954 ...	16,690	280,458	16.80
1955 ...	16,177	284,720	17.60
1956 ...	18,124	280,542	15.48
1957 ...	18,741	268,017	14.30
1958 ...	18,085	264,678	14.74
1959 ...	17,913	234,083	13.06
1960 ...	22,294	255,472	11.46

#### *Sitting Case Car Service*

This service is provided by a large number of private car proprietors throughout the County who apply for inclusion on the approved list. The payments for the hire of these cars are based on the mileage and waiting time.

The following statistics of the sitting case car service since 1952 are of interest :—

Year	Journeys	Patients	Miles
1952 ...	1,911	2,698	58,925
1953 ...	1,915	2,762	58,975
1954 ...	2,383	3,540	68,060
1955 ...	3,009	4,410	82,344
1956 ...	2,594	3,918	78,942
1957 ...	2,944	4,535	108,142
1958 ...	2,674	4,851	96,319
1959 ...	2,898	5,191	116,525
1960 ...	2,025	3,312	74,279

### *Rail Transport of Patients*

In 1960, 63 patients travelled by rail as compared with 61 in the previous year.

## 7. PREVENTION, CARE AND AFTER-CARE OF ILLNESS

### *Tuberculosis*

The detailed statistics are given in the third Section of this report. There was a small increase in the number of new notifications as compared with the previous year, but the statistics, both of new notifications and deaths for the past twenty years, show the marked and welcome decline of this disease in this County. The disease is, however, far from being defeated and it is essential that preventive measures should be continued. There was definite improvement in the local mass radiography service. On the 1st July, the static unit at Carmarthen became mobile and regular visits were then arranged to the more populated areas in Pembrokeshire. During the year 3,475 persons from this County attended the unit and two cases of pulmonary tuberculosis were detected.

On the advice of the Chest Physician, the County Council supplied extra nourishment, in the form of 37,321 pints of liquid milk, to tuberculous patients during 1960.

Considerable progress was made in the B.C.G. vaccination scheme, particularly in the thirteen year age group. 1,024 children, including 109 contacts, were vaccinated as compared with 661 in 1959. The response from parents was excellent. The British Glaxo freeze dried vaccine was used extensively. The clinical work of this scheme was undertaken by Dr. Phyllis Bowen and Dr. W. J. Y. Speedy, the District Medical Officers of Health, and Dr. D. Llewelyn Davies, the Chest Physician. The latter was responsible for the 'contact' group.

### *Health Education*

The County Council subscribes to the Central Council for Health Education and obtains much useful publicity material, including posters and leaflets, from this source. On the 21st July, Mr. Lynton Porter, the Education Officer of the aforementioned

Council, held a one-day school at Haverfordwest. The lectures and demonstrations were primarily for the health visiting and nursing staff, but dental and medical officers also attended. The presentation of relevant topics, such as the prevention of accidents, the relation of cancer of the lung to smoking, dental health, mental health, and the need for vaccination and immunisation against certain diseases, were discussed. A number of the health visitors had prepared health education displays for clinics, and, at the end of the school, Mr. Porter kindly gave an interesting appraisal and criticism of each exhibit.

The staff of the County Health Department, mainly under the direction of the County Nursing Officer, arranged a Health Education Exhibition at the County Agricultural Show on the 17th and 18th August. Display stands dealt with dental health, vaccination against poliomyelitis and the prevention of burns; films on food hygiene, mental health, care of the feet and dental health were shown. The exhibition was visited by approximately 550 persons: a health visitor and dental officer were available to answer inquiries.

The problem of publicising the connection between tobacco smoking and lung cancer received further consideration during the year. The response to previous efforts appears to be disappointing. Young people are naturally concerned with the present, and it is difficult to rouse their concern for the apparently distant future. A number of pamphlets giving the evidence for the connection were distributed during the year to the Secondary and Grammar Schools and to all Youth Clubs in the County. Posters were displayed at these schools and at clinics and weighing centres, but their effect is probably very limited.

### *Provision of Home Nursing Equipment*

There were no changes in the scheme. The ten distribution centres, staffed mainly by Red Cross or St. John personnel, were continued. Certain of the major items, including many wheel chairs, were distributed direct from the County Health Department. The service is being increasingly used. All home nursing equipment is loaned free of charge.

One Zimmer hoist was purchased during the year and has been loaned for the home nursing of an adolescent with severe muscular dystrophy. This has avoided the unnecessary admission to hospital of this patient.

### *Chiropody*

The County Council decided to postpone the provision of a direct service, but made a grant of £100 to the Pembrokeshire Old People's Welfare Committee for the financial year 1960/61 so that the existing voluntary chiropody service for elderly persons could be extended. This extension is occurring and an increased grant will be made for the next financial year.

### 8. DOMESTIC HELP : HOME HELP SERVICE

The demand for the service continued to increase, particularly in the urban areas. Fortunately, the recruitment of home helps was easier than in the previous year, but the influx of visitors caused recruitment difficulties in certain areas, such as Tenby and Saundersfoot, during the summer months.

The service assists a considerable number of frail ambulant elderly persons living alone and chronic sick patients. The difficulty, mentioned in the 1959 report, of providing help for such persons during the evenings and weekends continued. The majority of home helps are anxious to avoid week-end work as they have family commitments.

The Home Help Organiser continued to undertake much social work among elderly persons and maintained a very satisfactory liaison with the local officers of the National Assistance Board and with other statutory and voluntary organisations. The requests for home help included 139 cases in which the organiser was able to solve the domestic difficulties without the provision of domestic help.

The following statistics for 1960 are of interest :—

Number of Occasional Home Helps employed during						
the year	...	...	...	...	...	164
Number of Full-time Home Helps employed during						
the year	...	...	...	...	...	Nil



Number of Part-time Home Helps employed during the year ... ..	Nil
Total Number of householders provided with Home Helps ... ..	230
Number of Maternity Cases assisted by Home Helps	35
Number of Tuberculous Cases assisted by Home Helps	7
Number of Chronic Sick including aged and infirm assisted by Home Helps ... ..	126
Number of Home Visits by Home Help Organiser ...	1,327

## 9. MENTAL HEALTH

There were important developments during 1960. On the 1st January, the Community Care or Mental Health Section of the department was established and Mr. B. P. Vittle, the Senior Psychiatric Social Worker, commenced duty. The County Council proposals for the local development of the mental health services under Section 28 of the National Health Service Act, 1946, as amplified by Section 6 of the Mental Health Act, 1959, were approved by the Minister of Health on the 20th May, 1960. The new arrangements under the Mental Health Act, 1959, for the compulsory admission of mentally disordered persons to hospital came into force on the 1st November, 1960.

Under the direction of the Senior Psychiatric Social Worker considerable attention was given to the in-service training of the seven part-time mental welfare officers with special emphasis on general social work to help mentally disordered patients and their relatives. Nine two-hourly training sessions for mental welfare officers were held at Haverfordwest ; most of the tuition was given by the Senior Psychiatric Social Worker, but lectures were also given by Dr. J. Farr, the Consultant Psychiatrist, and Dr. D. J. Davies, the County Medical Officer of Health.

The mental health in-service training of the health visitors commenced in November, and is taking the form of discussion groups at Haverfordwest, Milford Haven and Tenby. These discussion groups, which are under the direction of the Senior Psychiatric Social Worker, deal with problems of emotional development, behaviour difficulties in children and the psycholog-

ical aspects of family and community life. The health visitors are very interested, and, at the end of the year, it was decided to continue this form of training.

A considerable effort was made during the year to expand the social work among mentally disordered patients and their relatives. The Senior Psychiatric Social Worker made progress in developing a liaison with the general practitioners, the psychiatrists, his colleagues in the department, with the local officers of the National Assistance Board and other statutory and voluntary organisations. The need for much travelling naturally hampered his work. He was fortunate in having the help of Mrs. J. M. B. Harries, an experienced Psychiatric Social Worker, who commenced part-time duties in the County on the 3rd October.

It has been possible to continue a limited Child Guidance Clinic service in the County. Dr. Crosse, the Consultant Child Psychiatrist, who had been a most helpful colleague, resigned on the 10th September. The Welsh Regional Hospital Board kindly arranged for Dr. Nansi James to attend the local Clinic pending the permanent appointment. Her services have been much appreciated.

Further progress was made in the provision of training for subnormal and severely subnormal persons. The weekly group training sessions for adults continued at Pembroke Dock, Tenby and Haverfordwest. New developments included a weekly group training session for severely subnormal children at Haverfordwest, and a weekly training session for subnormal adults at Neyland Clinic.

The local training facilities for subnormal and severely subnormal persons will need to be further developed and continued experience in the organisation of group sessions, more intensive ascertainment, and the future availability of trained staff, will enable more permanent and comprehensive plans to be formulated. The County Council has, however, agreed in principle to the provision of a Junior Training Centre at Haverfordwest. At the end of the year, twenty-nine children and adults were attending training sessions. Mrs. Panton, the Occupational Therapist, and Mrs. Davies, who has had considerable experience in handicrafts, acted as teacher at the sessions. With generous financial help from the wives of the executive staff of the Esso Refinery and the Staff

and Pupils of Haylett Grange School, enjoyable Christmas parties were organised for subnormal and severely subnormal patients at Haverfordwest, Tenby and Pembroke Dock.

As mentioned in a previous section of this report, the routine testing of the urine of babies to detect the rare cases of phenylketonuria—a metabolic defect which, unless limited with a special diet, leads to severe subnormality—was initiated in the County on the 10th October.

The following mental health statistics for 1960 are of interest :

Number of mentally disordered patients on the home visiting list on the 31st December, 1960	...	244
Number of subnormal and severely subnormal patients on the 31st December, 1960, awaiting admission to an institution or hospital	... ..	30
Number of full-time Psychiatric Social Workers	...	1
Number of full-time Psychiatric Social Workers (3 half-day sessions)	...	1
Number of full-time Mental Health Visitors	...	1
Number of part-time Mental Welfare Officers	...	7
Number of Home Teachers	... ..	2
		(both part-time)



## SECTION 3

EPIDEMIOLOGY : INFECTIOUS AND OTHER  
COMMUNICABLE DISEASES

As in the previous year, there was a comparatively low incidence of infectious diseases in the County. It is pleasing to report that no case of poliomyelitis occurred during the year.

There was no widespread outbreak of measles, but the illness was prevalent in the sparsely populated north of the County during the first half of the year.

In the late Autumn, an outbreak of Sonnè dysentery occurred in the Haverfordwest and surrounding area. Fifty-one cases, mainly children, were notified. Preventive action was taken to control infected food handlers.

There were three suspected food poisoning outbreaks : in the first, fifteen pupils and one teacher in a rural school developed diarrhoea four to twenty hours after a school dinner, but investigations failed to reveal the source or cause of the illness ; the second was a household outbreak affecting five members of a farmer's family—detailed investigations were made and there was evidence that contamination of corned beef with staphylococci was the source of the infection ; the last outbreak, affecting approximately one hundred pupils, occurred on the last day of the summer term in a large secondary school—only limited investigations were possible and it is probable that the infection was due to the growth of *Bacillus Welchii* on mutton which was cooked on the previous day and served for the school dinner. The patients in the latter two outbreaks were not officially notified—many of the children in the latter outbreak had mild symptoms and did not consult their doctor.

Whooping cough was prevalent in the Pembroke borough area and measures were taken to increase the whooping cough vaccination rate in the area.

Occasional cases of infective hepatitis, a virus disease affecting the liver, were reported from the Milford Haven and Pembroke areas. There was no evidence that the infection resulted from blood or plasma transfusions or injections of prophylactic or therapeutic agents.

DISEASE			Haverfordwest M.B.	Tenby M.B.	Pembroke M.B.	Fishguard & Goodwick U.D.	Millford U.D.	Neyland U.D.	Narberth U.D.	Haverfordwest R.D.	Narberth R.D.	Pembroke R.D.	Cemaes R.D.	TOTALS
Scarlet Fever	...	...	4	—	13	—	3	—	—	11	2	7	—	40
Diphtheria	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Measles	...	...	3	—	9	—	1	1	—	17	22	7	71	131
Whooping Cough	...	...	—	—	58	—	—	6	—	9	—	1	5	79
Erysipelas	...	...	1	—	2	—	—	—	—	—	—	—	—	3
Paratyphoid Fever	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	...	...	—	—	—	—	—	—	—	—	—	16	—	16
Dysentery	...	...	15	—	—	—	—	—	—	36	—	—	—	15
Puerperal Pyrexia	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis Paralytic	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis Non-Paralytic	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Acute Infective Encephalitis	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia (primary or influenzal)	...	...	—	—	18	—	—	—	—	—	—	5	6	29
Typhoid Fever	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Malaria	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	...	...	—	—	—	—	—	—	—	—	—	—	—	—
			23	—	100	—	4	7	—	73	24	36	82	349

*Tuberculosis*

The following tables are of interest :—

NUMBER AND AGE DISTRIBUTION OF NEW NOTIFICATIONS OF  
TUBERCULOSIS AND DEATHS FROM THIS DISEASE IN 1960

Age Group in years	New Notifications				Deaths			
	Respiratory		Non- Respiratory		Respiratory		Non- Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0— 1 ...	—	—	—	—	—	—	—	—
1— 2 ...	—	—	—	—	—	—	—	—
2— 5 ...	—	—	—	—	—	—	—	—
5—10 ...	—	—	—	—	—	—	—	—
10—15 ...	—	—	—	—	—	—	—	—
15—20 ...	—	4	1	—	—	—	—	—
20—25 ...	1	1	—	—	—	—	—	—
25—35 ...	4	2	—	—	—	—	—	—
35—45 ...	1	4	—	—	—	—	—	—
45—45 ...	1	—	—	—	1	—	—	—
55—65 ...	7	—	—	—	4	—	—	—
65—75 ...	3	—	—	—	2	—	—	—
75 plus ...	—	1	—	—	—	1	—	—
Totals ...	17	12	1	—	7	1	—	—

NUMBER OF CASES OF TUBERCULOSIS ON THE CHEST  
CLINIC REGISTER

		Respiratory		Non-Respiratory		Total
		M.	F.	M.	F.	
On 31st December, 1960	...	270	213	18	14	515
On 31st December, 1959	...	289	240	28	24	581
On 31st December, 1958	...	288	226	29	26	569

		New Notifications of Tuberculosis		Deaths from Tuberculosis	
		Non-Respiratory		Non-Respiratory	
Year		Respiratory	Respiratory	Respiratory	Respiratory
1938	...	81	37	48	11
1939	...	88	27	43	12
1940	...	53	18	38	10
1941	...	64	22	26	14
1942	...	88	19	43	8
1943	...	63	32	22	1
1944	...	73	21	36	1
1945	...	73	24	32	5
1946	...	64	18	25	4
1947	...	68	14	36	3
1948	...	62	29	24	1
1949	...	73	18	41	1
1950	...	62	16	28	3
1951	...	66	9	26	9
1952	...	51	5	24	1
1953	...	63	6	22	6
1954	...	61	9	15	1
1955	...	35	7	14	3
1956	...	49	4	8	2
1957	...	36	4	11	1
1958	...	38	3	7	—
1959	...	26	1	8	3
1960	...	29	1	8	—

## SECTION 4

FOOD AND DRUGS ACT :  
COUNTY COUNCIL RESPONSIBILITIES

## 1. PASTEURISED MILK

The County Council, as Food and Drugs Authority, continued to be responsible for the licensing of the two milk pasteurisation plants in the County : the High Temperature Short Time (H.T.S.T.) type at the Dried Milk Products Dairy, Merlin's Bridge, Haverfordwest, and the batch pasteurisation plant at Craig's Dairy, Tenby. The County Council has no public health inspector on the staff and the Public Health Inspectors of the Haverfordwest Rural District Council and the Tenby Borough Council, together with the Weights and Measures Inspectors, assisted in the public health supervision of these plants.

The laboratory test results of pasteurised milk during the year were satisfactory. Of the 437 samples of milk tested, none showed inadequate heat treatment and only nine were of unsatisfactory keeping quality.

Bottle washing machines require careful supervision and maintenance. Twenty-eight laboratory tests of the bacterial purity of the washed bottles were made ; only one was unsatisfactory.

## 2. SAMPLING OF FOOD AND DRUGS

The Weights and Measures Inspectors continued to undertake the milk sampling for chemical quality and added water and the sampling of food and drugs. Mr. D. C. Jenkins, M.Sc., F.R.I.C., of Carmarthen, was the Public Analyst.

The following is a brief summary of the results of sampling during 1960 :—

Article	No. of Samples	Genuine	Non- Genuine
Milk ... ..	348	317	31
Non-alcoholic drinks ...	5	5	—
Alcoholic drinks ...	10	—	—
Butter, Margarine and Cooking Fats ...	11	—	—
Tinned Meat and Fish	12	—	—
Spices and Condiments	5	—	—
Miscellaneous Groceries	116	98	18

The non-genuine samples of milk included twenty-five of insufficient fat content and six of added water. The miscellaneous unsatisfactory samples included cereal foods infected with mites, reputed high protein bread with an inadequate protein content, and a preserve with insufficient fruit content.

The County is an important dairy farming area. It became an attested area on the 1st July, 1954, and, since the 1st October, 1958, only pasteurised, sterilised or tuberculin tested milk has been sold throughout the County, with the exception of a few small rural areas where ordinary milk retailers or producer-retailers are not available. On the 31st December, 1960, there were 3,124 dairy farms in the area, and approximately 87 per cent. were occupied by farmers licensed as tuberculin tested milk producers or producer-retailers.

Towards the end of the year, the implementation of the new Milk (Special Designation) Regulations, 1960, which gives the County Council, with effect from the 1st January, 1961, the responsibility for granting milk dealer's licences, was discussed. The Council decided to assign the duties temporarily to the Weights and Measures Department pending further consideration of the problem of ensuring the necessary hygienic supervision of the handling, treatment, storage and distribution of the milk.

## SECTION 5

### MISCELLANEOUS

#### CHILDREN'S DEPARTMENT

As in previous years, the necessary close liaison with the Children's Officer and his department was continued. The medical and emotional problems of the children in the care of the County Council received special attention. During the year, eighty-seven examinations of such children were undertaken by the doctors of the department. In addition, arrangements were made, when necessary, for examination by Consultants and for the necessary immunisation procedures. Hygiene inspections of the two children's homes were also undertaken.

Miss S. M. Morgan, the health visitor, continued her patient and detailed social work with a number of difficult problem families in the County. Without her assistance, many of the children would have had to be taken into care. Other staff of the Health Department, including district nurses, health visitors and home helps, gave much assistance in the prevention of the break-up of families.

Mr. Perry, the local N.S.P.C.C Inspector, continued to obtain from the medical staff of the department much medical advice on the problems of child neglect and cruelty and, as in previous years, Dr. Lewis, the Deputy County Medical Officer of Health, accompanied the Inspector on a number of home visits.

#### WELFARE DEPARTMENT

Dr. E. Roland Williams, an Ophthalmologist, continued to be responsible for the examination and certification of blind and partially sighted persons. A close liaison was maintained with him in the ascertainment and arrangements for education of children in these groups. In other medical matters, the medical staff of the County Health Department continued to act as advisers to the County Welfare Committee and the County Welfare Officer.

The County Medical Officer of Health assisted in the final planning of the proposed Old People's Home at Narberth, which will replace Allensbank, and in the proposed modernisation of Riverside, Pembroke. It is hoped that both projects will be implemented, at least in part, in 1961.



The easy transfer of patients between hospital and Part III accommodation was encouraged; in 1960, thirty-eight elderly patients were transferred from hospital to Part III accommodation and twenty-five in the opposite direction. This arrangement was only made possible by the welcome co-operation of the County Welfare Officer, the Hospital Almoner, the administrative staff of the Chronic Sick Bed Bureau, the Matrons of the Part III accommodation and the Medical and Nursing Staff of the local hospitals, with chronic sick beds. Mr. B. R. Elias, the Hospital Secretary at St. Thomas' Hospital, Haverfordwest, who, in recent years had made a valuable contribution to the necessary co-operation, obtained promotion during the year and left the County. His spirit of helpfulness will be remembered locally.

The demands for both chronic sick beds and Part III accommodation are, however, increasing and additional beds will soon be necessary in the County.

The County Nursing Officer, the Home Help Organiser and the County Medical Officer of Health continued as members of the County Old People's Welfare Committee.

The provision of an Ophthalmic Department, staffed by a Consultant Ophthalmologist, at the West Wales General Hospital, Carmarthen, has led to a progressive improvement in the hospital ophthalmic service in South West Wales.

1. The age distribution of Registered Blind and Partially Sighted Persons in the County on the 31st December, 1960, was as follows :—

		Blind	Partially Sighted
Under 5 years ...	...	—	—
5-16 years ...	...	4	5
16-21 years ...	...	2	5
21-50 years ...	...	39	23
50-65 years ...	...	60	30
65 years and over	...	230	116
Total ...		335	179



## 2. Follow-up of Registered Blind and Partially Sighted Persons :

		<i>Cause of Disability</i>			
		<i>Catar- act</i>	<i>Glaucoma</i>	<i>Fibro- plasia</i>	<i>Others</i>
(i)	Number of cases registered during 1960 in respect of which Form B.D.8 recommends :				
(a)	No treatment ... ..	17	—	—	8
(b)	Treatment (medical, surgical and optical) ...	17	—	—	13
(ii)	Number of cases as (i) above which on follow-up action have received treatment ...	9	—	—	13

## 3. Ophthalmia Neonatorum : No cases of blindness due to this condition were reported during 1960.

## MEDICAL EXAMINATION OF COUNTY STAFF

The following examinations were undertaken during 1960 :—  
Entrants (excluding teachers and police) to County

Council employment	... ..	49
Manual Workers for entry into sickness benefit scheme		87
Police candidates	... ..	20
Police cadets	... ..	6
Entrants to Teachers' Training Colleges	... ..	83
Newly appointed Teachers	... ..	58
Canteen staff	... ..	79
Re-examinations of existing employees	... ..	25
Number of Chest X-ray examinations of staff (excluding mass radiography examinations)	... ..	37
Examinations carried out on behalf of other local authorities (reciprocal arrangement)	... ..	10

With the regular visits of the Mobile Unit of the Mass Radiography Service to the County, it was possible to continue the biennial chest X-ray scheme for school canteen staff.





